

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-11-04-05 Date: 24/08/2020
Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.
Address : Yelahanka New Town Sub Division, BBMP, Bangalore.
Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"
Agency : Sri K.Lakshminarayana Reddy, No.96/2, Doddahallurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032
Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 19-08-20
Customer ID : Flooring Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M15 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 24/08/2020

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Flooring Concrete	M15	17/08/2020	24/08/2020	149.02 X 151.13 X 151.57	22521	8.142	272.9	12.1	12.5
2	Flooring Concrete	M15	17/08/2020	24/08/2020	149.04 X 149.95 X 149.37	22347	8.934	287.8	12.9	
3	Flooring Concrete	M15	17/08/2020	24/08/2020	151.45 X 150.97 X 149.39	22865	8.741	289.4	12.7	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

AS
ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಆರೋಗ್ಯ ಮತ್ತು
ಯುಜಿಎಂ. ಬೆಂಗಳೂರು-106
ಪುನಃ ಪರಿಶೀಲನೆ

Page 1/1

****End of Report****



FOR CIVIL Pro.

KARTHIK RECHAN
Authorized Signatory
Quality Manager

Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

Lab ID	:	CP-2020-11-04-05	Date: 30-07-20
Customer	:	Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.	
Address	:	Yelahanka New Town Sub Division, BBMP, Bangalore.	
Project Name	:	"Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"	
Agency	:	Sri.K.Lakshminarayana Reddy, No.96/2, Doddahullurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032	
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	28-07-20	
Sample Type	:	Fine Aggregate	
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption	
Date of test	:	28-07-20	
Total weight taken	:	1000	grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	27	27	2.7	97.3	90-100	90-100	90-100	95-100
3	2.36 mm	55	82	8.2	91.8	60-95	75-100	85-100	95-100
4	1.18 mm	239	321	32.1	67.9	30-70	55-90	75-100	90-100
5	600 micron	205	526	52.6	47.4	15-34	35-59	60-79	80-100
6	300 micron	203	729	72.9	27.1	5-20	8-30	12-40	15-50
7	150 micron	191	920	92.0	8.0	0-10	0-10	0-10	0-15
8	Pan	80	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

Result :The tested Sample Conforms to Grading Zone II

Page 1/2



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



TEST REPORT ON PHYSICAL REQUIREMENTS OF SOLID CONCRETE BLOCKS

Lab ID : CP-2020-11-04-05 Date: 14-08-20

Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.

Address : Yelahanka New Town Sub Division, BBMP, Bangalore.

Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"

Agency : Sri.K.Lakshminarayana Reddy, No.96/2, Doddahullurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032

Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 11-08-20

Sample Type/Size : Solid concrete blocks size (400X150X200)mm

Reference to BIS codes : IS : 2185 (Part 1) : 2005(RA 2010) Concrete Masonry Specification
Part 1: Hollow and Solid Concrete Blocks (Dimensions -Annex-B, Clause 9.2 and 10 , Block density Annex -C Clause 9.3 and 10, Compressive strength Annex -D Clause 9.4 and 10, Water absorption Annex -E Clause 9.5 and 10)

Date of test : 11-08-20

BLOCK DENSITY:

SL No.	Measurement of overall Dimensions of Individual Blocks			Overall Volume of the Block in Cubic Centimetres	Weight of Oven Dried Block in Kilograms to the nearest 10 Gram	Block Density in Kg/cum*10 ⁶	Avg. Block Density in (Kg/cum)	As per IS 2185(Part 1) :2005 (RA 2010)
	Length	Breadth	Height					
	mm	mm	mm	(Cm ³)	Kg	Kg/m ³	Kg/m ³	
1	400	149	201	11980	33.388	2787.0	2765.7	Not less than 1800Kg/m ³
2	403	149	199	11949	32.532	2722.5		
3	400	150	202	12120	33.785	2787.6		

WATER ABSORPTION:

SL No.	Wet weight after water absorption	Dry weight (Oven dry)	Water Absorption	Avg. Water Absorption	As per IS 2185(Part 1):2005 (RA 2010)
	kg	kg	%	%	
1	33.91	32.25	4.89	4.25	Shall not be more than 10% by mass
2	33.57	32.14	4.28		
3	33.44	32.24	3.59		

ಇದರಲ್ಲಿ ಯಾವುದೇ ತಪ್ಪುಗಳಿಲ್ಲವೆಂದು
ಯಶಸ್ವಿ ಸಾಧಿಸಿರುವುದನ್ನು
ಮಾನ್ಯತೆಗೆ ಒಪ್ಪಿಸಲಾಗಿದೆ.

P. H. R.

CIVIL PRO
BANGALORE

Format No: CP/TF/01

TEST RESULTS OF STEEL

Lab ID : CP-2020-11-04-05 Date: 29-07-20

Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.

Address : Yelahanka New Town Sub Division, BBMP, Bangalore.

Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"

Agency : Sri K. Lakshminarayana Reddy, No.96/2, Doddahallurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032

Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 28-07-20

Sample Type : Sunvik

Reference to BIS codes : IS 1786-2008, IS 1608-2005(RA 2011), IS 1599-2012

Date of test: : 28-07-20

SLNo	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm ²)	(N/mm ²)	(%)		
1	Sunvik	Fe500	8	0.391	512	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.616	528	672	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.888	544	668	20.0%	Satisfactory	Satisfactory
4	Sunvik	Fe500	16	1.581	572	674	19.0%	Satisfactory	Satisfactory
5	Sunvik	Fe500	20	2.476	584	693	19.0%	Satisfactory	Satisfactory
6	Sunvik	Fe500	25	3.472	597	712	18.0%	Satisfactory	Satisfactory

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate



FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

ಸಹಾಯಕ ಅಧ್ಯಕ್ಷರಾದ
ಯಶವಂತ ಉಪನಿರ್ದೇಶಕರು
ಪಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106

Page 1/1
End of Report

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2020-11-04-05 Date: 31-07-20

Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.

Address : Yelahanka New Town Sub Division, BBMP, Bangalore.

Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"

Agency : Sri.K.Lakshminarayana Reddy, No.96/2, Doddahullurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032

Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21

Source of Sample : Sample supplied by Agency

Sample condition : Satisfactory

Date of Receipt : 28-07-20

Sample Type : 40mm down size coarse aggregate

Reference to BIS codes : IS: 383:2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1,3,4) RA2011
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
IS 2386 Part 4: Mechanical Properties

Date of test : 28-07-20

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	215	215	1.4	98.6	90-100
3	20 mm	7455	7670	51.1	48.9	30-70
4	10 mm	4266	11936	79.6	20.4	10-35
5	4.75 mm	2844	14780	98.5	1.5	0-5
6	Pan	220	15000	100.0	0	---

AS per material specification
No. of material material
No. of material material
Page 1/2



CEMENT CONCRETE FLOORING TILES

Lab ID : CP-2020-11-04-05 Date: 10-08-20
 Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.
 Address : Yelahanka New Town Sub Division, BBMP, Bangalore.
 Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"
 Agency : Sri K. Lakshminarayana Reddy, No.96/2, Doddahallurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032
 Customer Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21
 Source of Sample : Sample supplied by Agency
 Sample Condition : Satisfactory
 Date of Receipt : 05-08-20
 Sample Type : Pre-Polished Designer Cement Concrete Tiles
 Reference to BIS codes : IS 1237:2012
 Date of test : 05-08-20

1. Water Absorption

SL.No.	Measured Dimension (mm)			Water Absorption (%)	Average (%)	Requirement as per IS:1237-2012
	L	B	T			
1	400	399	25.09	2.530	2.21	The average percentage of water absorption shall not exceed 10.
2	401	401	25.05	1.920		
3	400	401	25.11	2.170		
4	400	399	25.06	2.060		
5	399	400	25.17	1.800		
6	400	400	25.13	2.760		

2. Wet Transverse Strength

SL.No.	Measured Dimension (mm)			Wet Transverse Strength (N/mm ²)	Average (N/mm ²)	Requirement as per IS:1237-2012
	L	B	T			
1	401	401	25.02	7.83	7.8	The average wet transverse strength shall not be less than 3N/mm ² .
2	401	401	25.04	8.16		
3	400	399	25.06	7.51		
4	399	401	25.01	7.88		
5	400	400	25.05	8.25		
6	401	399	25.03	7.29		

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಅಧೀಕ್ಷಕರು, ಯಲಹಂಕ ನಗರ ಪಾಲಿಕೆ, ಬೆಂಗಳೂರು-560032
 ಯಲಹಂಕ ನಗರ ಪಾಲಿಕೆ, ಬೆಂಗಳೂರು-560032
 ಪುನಃ ಪರಿಶೀಲನೆ-100
 Page 1/1
 End of Report



FOR CIVIL PRO.
 KARTHIK RECHAN
 Authorized Signature
 Quality Manager

TEST REPORT FOR SAND MASONRY MORTARS

Lab ID : CP-2020-11-04-05 Date: 21-08-20
Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.
Address : Yelahanka New Town Sub Division, BBMP, Bangalore.
Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"
Agency : Sri.K.Lakshminarayana Reddy, No.96/2, Doddahullurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032
Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 18-08-20
Sample Type : Fine Aggregate, M.Sand for Mortar
Reference to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2116-1980 (RA-2007) (Specification for Sand for Masonry Mortars)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
Date of test : 18-08-20
Total weight taken : 1000 grams

Slno	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS: 2116-1980 (RA-2007)
1	4.75 mm	0	0	0	100	100
2	2.36 mm	85	85	8.5	91.5	90-100
3	1.18 mm	200	285	28.5	71.5	70-100
4	600 micron	146	431	43.1	56.9	40-100
5	300 micron	116.5	547.5	54.8	45.3	5-70
6	150 micron	412.5	960	96.0	4.0	0-15
7	Pan	40	1000	100.0	0.0	0

Page 1/2

ಸಹಾಯಕ ಅಧೀಕ್ಷಕರ ಅಧೀನದಲ್ಲಿ
ಯುಲಕಂಠರ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106



Format No: CP/TF/2017

TEST REPORT FOR PLASTER SAND

Lab ID : CP-2020-11-04-05 Date: 21-08-20
Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.
Address : Yelahanka New Town Sub Division, BBMP, Bangalore.
Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"
Agency : Sri.K.Lakshminarayana Reddy, No.96/2, Doddahullurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032
Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 18-08-20
Sample Type : Plaster Sand
Reference to BIS codes : IS: 383 : 2016 (Specification for Coarse and fine Aggregates)
IS1542:1992 (Sand for Plaster - Specification)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
Date of test : 18-08-20
Total weight taken : 1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 1542:1992
1	10 mm	0	0	0	100	100
2	4.75 mm	35	35	3.5	96.5	95-100
3	2.36 mm	15	50	5	95	95-100
4	1.18 mm	50	100	10	90	90-100
5	600 micron	100	200	20	80	80-100
6	300 micron	215	415	41.5	58.5	20-65
7	150 micron	500	915	91.5	8.5	0-15
8	Pan	85	1000	100	0	---

Page 1/2

ಸಹಾಯಕ ಅಧ್ಯಕ್ಷರ ಅಧೀನದಲ್ಲಿ
ಯಶಸ್ವಿ ಸಂಸ್ಥೆ ಸೇವೆಗಳನ್ನು ಒದಗಿಸುತ್ತಿದೆ
ಯಶಸ್ವಿ ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-11-04-05 Date: 04/09/2020
 Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.
 Address : Yelahanka New Town Sub Division, BBMP, Bangalore.
 Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"
 Agency : Sri.K.Lakshminarayana Reddy, No.96/2, Doddahullurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032
 Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21
 Source of Sample : Sample supplied by Agency
 Sample Condition : Satisfactory
 Date of Receipt : 31-08-20
 Customer ID : Roof Concrete
 Sample Type /Size : 150X150X150 mm
 Sample grade/Age : M20 / 7 Days Compressive Strength
 Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
 Date of test : 04/09/2020

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Roof Concrete	M20	28/08/2020	04/09/2020	151.09 X 151.13 X 151.73	22834	8.754	419.9	18.4	18.6
2	Roof Concrete	M20	28/08/2020	04/09/2020	151.00 X 150.64 X 151.86	22746	8.540	426.6	18.8	
3	Roof Concrete	M20	28/08/2020	04/09/2020	150.88 X 151.47 X 149.65	22853	8.457	425.2	18.6	

* The results obtained are satisfactory as per standard requirements.
 Note:
 The results pertain to the samples received and tested.
 All information furnished by Customer/Representative
 Any correction in the report will make this report invalid
 This report without prior written approval should not be reproduced or published in full or part.
 Samples will be disposed after 90 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅವರು
ಯಶಸ್ವಿ ಸುಪರ್ಟೆಂಡಿಂಗ್
ಇ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106

Page 1/1
****End of Report****



FOR CIVIL PRO.
KARTHIK RECHAN
Authorized Signatory
Quality Manager

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 21/08/2020

Lab ID : CP-2020-11-04-05
Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.
Address : Yelahanka New Town Sub Division, BBMP, Bangalore.
Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"
Agency : Sri.K.Lakshminarayana Reddy, No.96/2, Doddahallurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032
Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 17-08-20
Customer ID : Plinth Beam Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete C15
Date of test : 21/08/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Plinth Beam Concrete	M20	14/08/2020	21/08/2020	149.25 X 150.19 X 151.71	22417	8.754	405.3	18.1	18.2
2	Plinth Beam Concrete	M20	14/08/2020	21/08/2020	150.99 X 149.33 X 150.73	22547	8.540	417.1	18.5	
3	Plinth Beam Concrete	M20	14/08/2020	21/08/2020	151.98 X 151.97 X 150.03	23097	8.457	415.9	18.0	

* The results obtained are satisfactory as per standard requirements.
Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

ಇದೇ ದಿನಾಂಕದಲ್ಲಿ ಪರೀಕ್ಷಿಸಿದ ಉಪಕರಣದ ಉಪಯೋಗಕ್ಕೆ ಸೀಲಿಂಗ್ ಮಾಡಲಾಗಿದೆ.
ಪಿ.ಪಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106

Page 1/1

****End of Report****

FOR CIVIL PRO.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-11-04-05
 Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.
 Address : Yelahanka New Town Sub Division, BBMP, Bangalore.
 Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"
 Agency : Sri.K.Lakshminarayana Reddy, No.96/2, Doddahallurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032
 Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21
 Source of Sample : Sample supplied by Agency
 Sample Condition : Satisfactory
 Date of Receipt : 12-08-20
 Customer ID : Column Concrete Upto Plinth
 Sample Type /Size : 150X150X150 mm
 Sample grade/Age : M20 / 7 Days Compressive Strength
 Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
 Date of test : 17/08/2020

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Column Concrete Upto Plinth	M20	10/08/2020	17/08/2020	149.92 X 150.37 X 150.93	22542	8.754	412.7	18.3	18.5
2	Column Concrete Upto Plinth	M20	10/08/2020	17/08/2020	149.38 X 151.03 X 150.37	22562	8.540	414.7	18.4	
3	Column Concrete Upto Plinth	M20	10/08/2020	17/08/2020	150.70 X 149.98 X 150.29	22603	8.457	425.7	18.8	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
 All information furnished by Customer/Representative
 Any correction in the report will make this report invalid
 This report without prior written approval should not be reproduced or published in full or part.
 Samples will be disposed after 90 days from the date of issue of test certificate

Page 1/1
 ****End of Report****



FOR CIVIL PRO.
 R KARTHIK RECHAN
 Authorized Signatory
 Quality Manager



Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-11-04-05 Date: 14/08/2020

Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.

Address : Yelahanka New Town Sub Division, BBMP, Bangalore.

Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"

Agency : Sri.K.Lakshminarayana Reddy, No.96/2, Doddahallurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032

Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 10-08-20

Customer ID : Footing Raft Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 14/08/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Footing Raft Concrete	M20	07/08/2020	14/08/2020	149.78 X	22726	8.754	424.6	18.7	18.8
					151.73 X					
					149.07					
2	Footing Raft Concrete	M20	07/08/2020	14/08/2020	149.23 X	22630	8.540	427.6	18.9	
					151.65 X					
					149.08					
3	Footing Raft Concrete	M20	07/08/2020	14/08/2020	149.46 X	22298	8.457	420.5	18.9	
					149.19 X					
					149.21					

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

(Handwritten signature)

(Handwritten signature)
ಸಹಾಯಕ ಅಧ್ಯಕ್ಷರಾದ ಅಯ್ಯಂಗರ
ಯಶವಂತರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಓ. ಬೆಂಗಳೂರು-106

Page 1/1

End of Report



FOR CIVIL PRO
(Handwritten signature)
KARTHIK RECHAN
Authorized Signatory
Quality Manager

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-11-04-05 Date: 24/08/2020

Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.

Address : Yelahanka New Town Sub Division, BBMP, Bangalore.

Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"

Agency : Sri.K.Lakshminarayana Reddy, No.96/2, Doddahullurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032

Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 19-08-20

Customer ID : Flooring Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 24/08/2020

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Flooring Concrete	M15	17/08/2020	24/08/2020	150.63 X 150.25 X 149.47	22632	8.142	286.4	12.7	12.3
2	Flooring Concrete	M15	17/08/2020	24/08/2020	149.10 X 150.28 X 150.61	22407	8.934	274.3	12.2	
3	Flooring Concrete	M15	17/08/2020	24/08/2020	151.64 X 149.64 X 151.27	22691	8.741	275.1	12.1	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

ಸಹಾಯಕ ಅಧೀಕ್ಷಕರು
ಯಂತ್ರೋಪಕರಣ ಸಂಪನ್ಮೂಲ
ಇ.ಕೆ.ಎಂ.ಎ. ದೊರಸವರ-106

Page 1/1

****End of Report****



FOR CIVIL Pro.

KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

Certificate No.: TC-5548

NAME OF WORK: "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿಗಳು ಅವಯಂಶಗಳ
 ಮೇಲಿನಿಂದ ಉಪನಿರ್ದೇಶನ
 ಸಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-11-04-05 Date: 11/08/2020

Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.

Address : Yelahanka New Town Sub Division, BBMP, Bangalore.

Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"

Agency : Sri K. Lakshminarayana Reddy, No.96/2, Doddahullurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032

Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-08-20

Customer ID : RCC for Foundation

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete C15

Date of test : 11/08/2020

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	RCC for Foundation	M15	04/08/2020	11/08/2020	151.38 X	22999	8.142	285.6	12.4	12.8
					151.93 X					
					151.29					
2	RCC for Foundation	M15	04/08/2020	11/08/2020	151.64 X	22881	8.934	295.0	12.9	
					150.90 X					
					151.56					
3	RCC for Foundation	M15	04/08/2020	11/08/2020	151.05 X	22892	8.741	297.3	13.0	
					151.55 X					
					149.99					

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಯಶವಂತರಾಯ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106

Page 1/1

****End of Report****



FOR CIVIL Pro.

R. KARTHIK RECHAN
Authorized Signatory
Quality Manager

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-11-04-05 Date: 01/09/2020

Customer : Assistant Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.

Address : Yelahanka New Town Sub Division, BBMP, Bangalore.

Project Name : "Construction of Toilets at Parks in Yelahanka New Town Sub Division Ward 3 & 4"

Agency : Sri K. Lakshminarayana Reddy, No.96/2, Doddahallurappa Layout, Vishwanatha Nagenahalli, Bangalore-560032

Customer's Reference : BBMP/EE/YNK.D/EPMT-16/W.O/91/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-08-20

Customer ID : RCC for Foundation

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete C1.5

Date of test : 01/09/2020

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	RCC for Foundation	M15	04/08/2020	01/09/2020	151.83 X 149.05 X 151.65	22631	8.882	390.4	17.3	17.3
2	RCC for Foundation	M15	04/08/2020	01/09/2020	150.49 X 150.71 X 150.26	22681	8.479	390.4	17.2	
3	RCC for Foundation	M15	04/08/2020	01/09/2020	150.75 X 151.07 X 149.20	22772	8.022	396.8	17.4	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

ಸಹಾಯಕ ಇಂಜಿನಿಯರ್ ಅಭಿಯಂತರ
ಯಶಸ್ವಿ ಸಂಸ್ಥೆ ಸಂಪನ್ಮೂಲ
ಪಿ.ಪಿ.ಎಂ.ಡಿ. ಬೆಂಗಳೂರು-106

Page 1/1

****End of Report****



FOR CIVIL Pro.

KARTHIK RECHAN
Authorized Signatory
Quality Manager